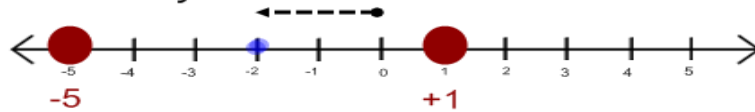


Name: _____ Period: _____ Date: _____

• starting point (erase after finding constraints)
shifts left by b



Count c spaces to the right & left

$$|x + b| = c \quad |x + 2| = 3$$

Necessary Vocabulary	Equation Method
Absolute Value, Equation & Expression Coefficient & Variable (x in the formula) Constants (b and c in the formula)	Formula: $ x + b = c$ $x + 2 = -3$ $x = -5$ $x + 2 = +3$ $x = +1$ Solve for x . Compare the number line with these solutions.

Solve and Draw the Absolute Value Equation

1	$ x + 3 = 7$	Draw Number Line Here
2	$ x + 1 = 4$	
3	$ x + 0 = 5$	

4

$$|x+2|=2$$

